	Application No.	Applicant(s)
Notice of Allowability	09/661,582	SCHWABE, JUDITH E.
	Examiner	**Art Unit**	
	CHAMELI C. DAS	2192	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address*--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *2/24/05*.

2. ☒ The allowed claim(s) is/are *1-83,85-86 (newly numbered claims are 1-85)*.

3. ☒ The drawings filed on *14 September 2000* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some*   c)☐ None of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the

        International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a)☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1)☐ hereto or 2)☐ to Paper No./Mail Date _____ .

    (b)☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

      Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date *4/8/05*

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *4/8/05* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

1.   This action is in response to the amendment and Terminal Disclaimer filed on 11/1/04

and 2/24/05 respectively.

2.   Claims 84 and 87 have been canceled.

3.   Claims 1-83 and 85-86 have been allowed.

4.   The document, "Applying Program Dependence Analysis To Java Software", provided

in the IDS filed on 5/3/04 has not been considered because it does not include date.

EXAMINER'S AMENDMENT

5.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Mr. Mckay applicant's attorney on 4/8/05.

The application has been amended as follows:

In the claims:

In claim 1:

at line 23, delete [post-installation] and insert -- post-issuance installation --

In claim 2:

at line 19, before "first" delete [said]

at line 21, before "first" delete [said]

at line 23, before "first" delete [said]

at line 48, delete [post-installation] and insert -- post-issuance installation --

In claim 3:

at line 3, before "first" delete [said]

In claim 7:

at lines 1-2, delete [post-issuance] and insert -- said --

In claim 8:

at lines 1-2, delete [post-issuance] and insert -- said --

In claim 9:

at line 2, before "provider" delete [the] and insert -- a --

In claim 21:

at lines 1-2, delete [post-issuance] and insert -- said --

In claim 22:

at lines 1-2, delete [post-issuance] and insert -- said --

In claim 23:

at line 23, delete [post-installation] and insert -- post-issuance installation --

In claim 24:

at line 19, before "first" delete [said]

at line 21, before "first" delete [said]

at line 23, before "first" delete [said]

at line 46, delete [post-installation] and insert -- post-issuance installation --

In claim 25:

at line 4, before "first" delete [said]

In claim 45:

at line 24, delete [post-installation] and insert -- post-issuance installation --

In claim 46:

at line 20, before "first" delete [said]

at line 21, before "first" delete [said]

at line 23, before "first" delete [said]

at line 46, delete [post-installation] and insert -- post-issuance installation --

In claim 47:

at line 4, before "first" delete [said]

In claim 51:

at line 2, delete [post-issuance] and insert -- said --

In claim 52:

at line 2, delete [post-issuance] and insert -- said --

In claim 54:

at line 24, delete [post-installation] and insert -- post-issuance installation --

In claim 55:

at line 20, before "first" delete [said]

at line 21, before "first" delete [said]

at line 23, before "first" delete [said]

at line 46, delete [post-installation] and insert -- post-issuance installation --

In claim 56:

at line 4, before "first" delete [said]

In claim 60:

      at line 2, delete [post-issuance] and insert -- said --

In claim 61:

      at line 2, delete [post-issuance] and insert -- said --

In claim 63:

      at line 25, delete [post-installation] and insert -- post-issuance installation –

In claim 64:

      at line 19, before "first" delete [said]

      at line 20, at the end of the line, delete [said]

      at line 22, before "first" delete [said]

      at line 45, delete [post-installation] and insert -- post-issuance installation --

In claim 65:

      at line 4, before "first" delete [said]

In claim 73:

      at line 25, delete [post-installation] and insert -- post-issuance installation --

In claim 74:

      at line 19, before "first" delete [said]

      at line 20, at the end of the line, delete [said]

      at line 22, before "first" delete [said]

      at line 45, delete [post-installation] and insert -- post-issuance installation --

In claim 79:

      at lines 1-2, delete [post-issuance] and insert -- said --

In claim 80:

at lines 1-2, delete [post-issuance] and insert -- said --.

REASON FOR ALLOWANCE

6.   The following is an Examiner's statement or reason for allowance:

The cited prior art taken alone or in combination fail to teach, in combination with the

other claimed limitations, a method for remote incremental program verification comprising:

receiving content verified by at least one content provider, installing the content on a

resource-constrained device; issuing the resource-constrained device to an end user, and allowing

post-issuance installation of verified content on the resource-constrained device by a trusted (or

untrusted) post-issuance installer. The content includes at least one program unit, where each

program unit comprises an Application Programming Interface (API) definition file and an

implementation. Each API definition file defines items in its associated program unit that are

made accessible to one or more other program units, and each implementation includes

executable code corresponding to the API definition file. The verification includes determining

binary compatibility of earlier program unit implementations with later unit implementations,

recited in the independent claims.

7.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Chameli Das whose telephone number is 571-272-2696.

The examiner can normally be reached on Monday-Friday from 7:00 A.M. to 3:30

P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor Tuan Dam can be reached at 571-272-2695. The fax number for this group is

(703) 872-9306.

An inquiry of general nature or relating to the status of this application or proceeding

should be directed to the group receptionist whose telephone number is 571-272-2100.

Chameli C. Das
CHAMELI C. DAS
PRIMARY EXAMINER
4/8/05